

ITEM #	QTY	PART #	PART TITLE
-1	1	RBW6205G12131-3G-1	HANDLE WELDMENT
-5	1	RBW6205G12131-3G-5	EXTENSION HANDLE WELDMENT
-9	1	RBW6205G12131-3G-9	TOP
-10	1	RBW6205G12131-3G-10	FINGER
-11	2	RBW6205G12131-3G-11	KNOB
-12	1	RBW6205G12131-3G-12	TOP PROTECTION
-13	2	RBW6205G12131-3G-13	HEAT SHRINK TUBE
14	2	D2856-400-900	PLATE PROTECTION
15	A/R	CARR-LANE#CL-2-C	STEEL LANYARD 1/16" DIA. X 9" LG.
16	2	McMaster#3896T31 OR EQUIV.	ALUMINUM WIRE ROPE COMPRESSION SLEEVE 1/16" DIA. X 3/8" LG.
17	1	McMaster#90985A113 OR EQUIV.	SS QUICK RELEASE PIN 1/4" DIA. X 1-1/2" USABLE LG.
18	2	McMaster#92196A341 OR EQUIV.	SS SOCKET HEAD SCREW 5/16"-24 X 1" LG.

NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: N/A
- 7) IDENTIFICATION: N/A
- 8) ASSEMBLE AS SHOWN
- 9) ASSEMBLE ITEM -12 ADHESIVE SIDE ON ITEM -9 AS SHOWN AND CUT EXCESS IF NECESSARY
- 10) APPLY LOCTITE 495 BETWEEN THE SURFACES OF ITEM -12 AND ITEM -9 IF NECESSARY, AND REMOVE EXCESS
- 11) ASSEMBLE ITEM 14 ADHESIVE SIDE ON ITEMS -1 AND -10 AS SHOWN AND CUT EXCESS IF NECESSARY
- 12) APPLY LOCTITE NICKEL BASED ANTI SEIZE ON THREADS OF ITEM -11 THEN ASSEMBLE WITH ITEM -9 AND ITEM -1 AND REMOVE EXCESS
- 13) INSTALL ITEMS -11 HAND TIGHT
- 14) HEAT SHRINK ITEMS -13 ON ITEMS 18 AS SHOWN
- 15) INSTALL ITEMS 18 HAND TIGHT
- 16) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

RBW6205G12131-3G M/R LEVER TENSION LINK TOOL

REMOVED ITEMS -13 AND -14
ITEM -13 WAS ITEM -15
ITEM 15 WAS ITEM 16
ITEM 16 WAS ITEM 17
ITEM 17 WAS ITEM 18
ITEM 18 WAS ITEM 19
ADDED ITEM 14
UPDATED NOTES

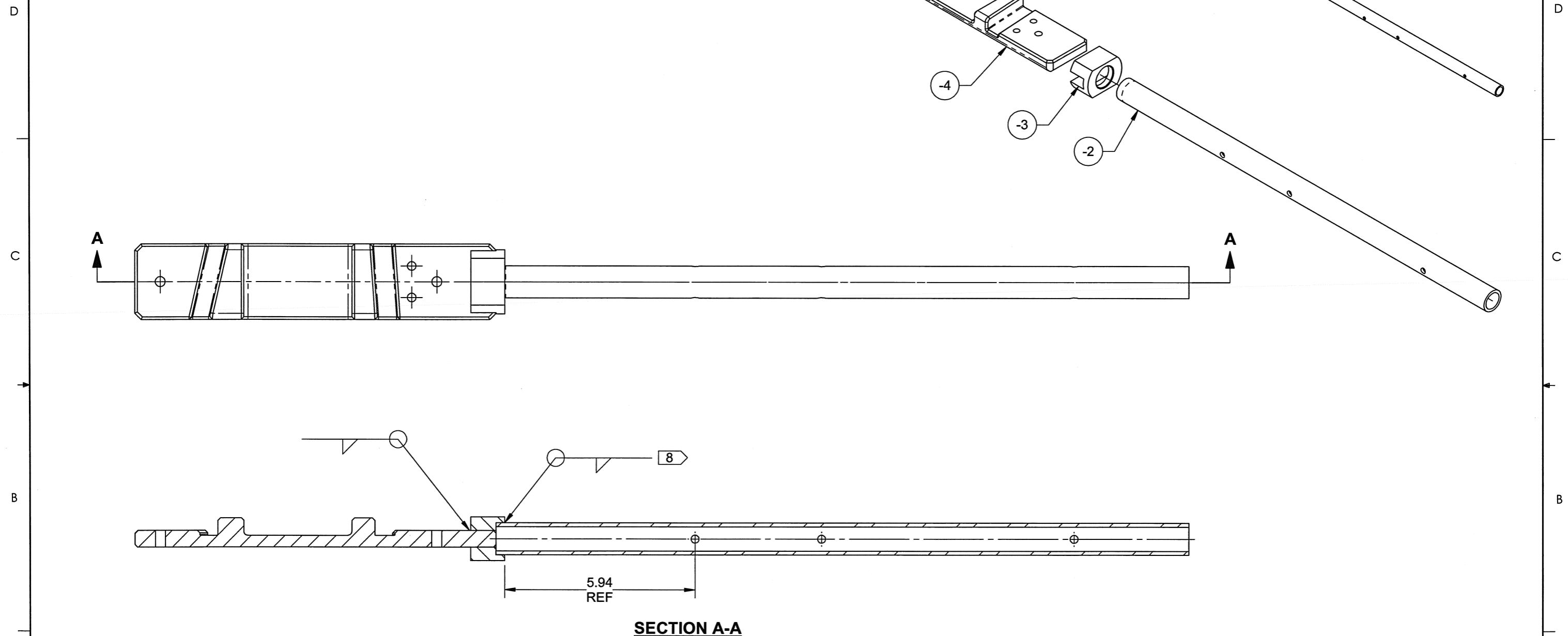
I REMOVED ITEMS -13 AND -14
ITEM -13 WAS ITEM -15
ITEM 15 WAS ITEM 16
ITEM 16 WAS ITEM 17
ITEM 17 WAS ITEM 18
ITEM 18 WAS ITEM 19
ADDED ITEM 14
UPDATED NOTES

H CH'D DRAWING TEMPLATE, P/N CHANGED PER DART STANDARD.
-29 RUBBER WITH ADHESIVE BACK FROM GASKET SPECIALTIES TO MCMASTER-CARR #1374N27.
-13 & -14 RUBBER WITH ADHESIVE BACK FROM GASKET SPECIALTIES TO MCMASTER-CARR #1374N22.
-4 ADDED .08 X 45 CHAMFER ALL AROUND. ENGRAVING REMOVED
-9 ADDED .08 X 45 CHAMFER ALL AROUND. ADDED 0.16 X 45 CHAMFER.
-10 ADDED .06 X 45 CHAMFER ALL AROUND. DIMENSIONS TOLERANCES CHANGED
-2 MATERIAL SEAMLESS 304 SS CHANGED FOR MCMASTER-CARR #89495K235, DIMENSION 1.000/0.998 CHANGED FOR 1.000 +/-0.002.
-3 DIMENSION 1.0045/1.0025 CHANGED FOR 1.002 +/-0.002/-0, DIMENSION 0.523 +/-0.005/-0 CHANGED FOR 0.520 +/-0.005/-0, CHAMFER ADDED, DIMENSION 1.96 CHANGED FOR 2.00.
-6 MATERIAL SEAMLESS 304 SS CHANGED FOR MCMASTER-CARR #89495K2
-7 DIMENSION 1.25 CHANGED FOR 1.19
-8 DIMENSION (0.543) CHANGED FOR 0.54 REF
-11 DIMENSION 0.30 CHANGED FOR 0.29 +/-0.010, CHAMFER AND RADIUS ADDED SEE PREVIOUS PDF'S REV FOR INFO

REV.	DESCRIPTION	ECN #	BY
DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	MB	REV. I	
MFG. APPR.	DP	TOOL PART #	
APPROVED	WP	RBW6205G12131-3G SHEET 1 OF 14	
		TITLE	
		SCALE	
		M/R LEVER TENSION LINK TOOL	
		NTS	
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8 7 6 5 4 3 2 1

ITEM #	QTY	PART #	PART TITLE
-2	1	RBW6205G12131-3G-2	HANDLE
-3	1	RBW6205G12131-3G-3	ATTACHMENT
-4	1	RBW6205G12131-3G-4	PLATE



SECTION A-A

RBW6205G12131-3G-1 HANDLE WELDMENT

NOTES:

1) MATERIAL: N/A
2) HEAT TREAT: N/A
3) FINISH: N/A

4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: N/A
7) IDENTIFICATION: N/A
8) ORIENTING AS SHOWN PRIOR TO WELD

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	KPT	
CHECKED	MB	TOOL PART #
MFG. APPR.	DP	REV. I RBW6205G12131-3G
APPROVED	WJ	SHEET 2 OF 14
		TITLE
		SCALE
		M/R LEVER TENSION LINK TOOL
		NTS
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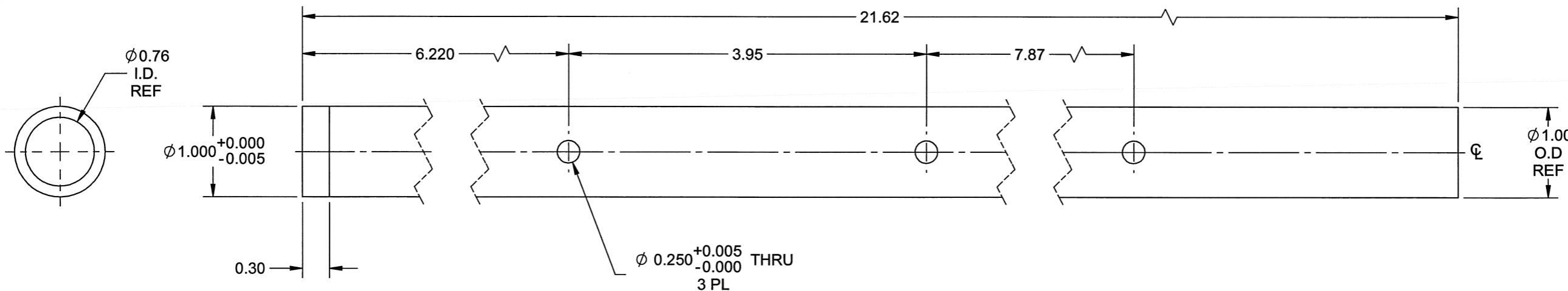
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RBW6205G12131-3G-2 HANDLE

NOTES:

1) MATERIAL: McMaster#89495K235 OR EQUIV

2) HEAT TREAT: N/A

3) FINISH: N/A

4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
 X.XX = +/- 0.01" / +/- 0.5°
 X.XXX = +/- 0.005" / +/- 0.1°
 X.XXXX = +/- 0.0005" / +/- 0.05°

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

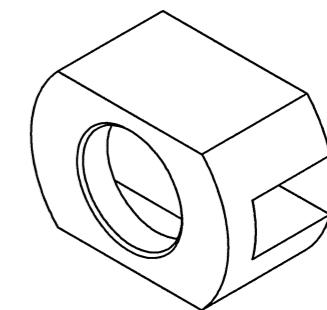
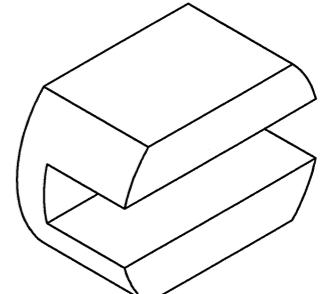
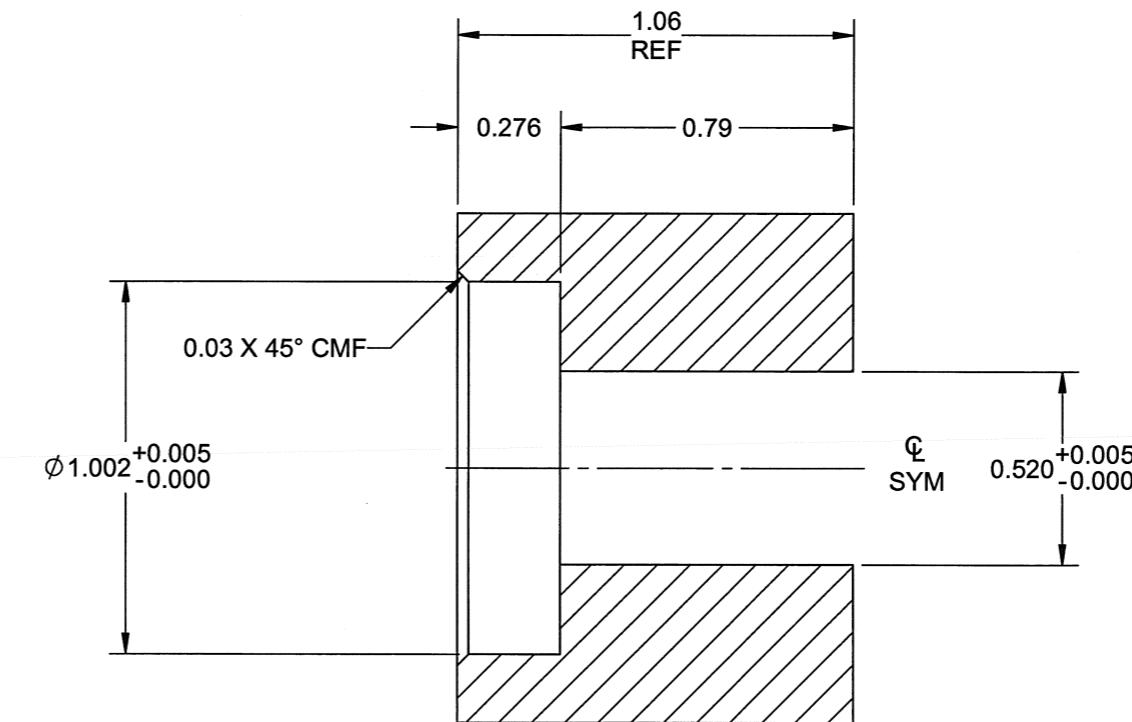
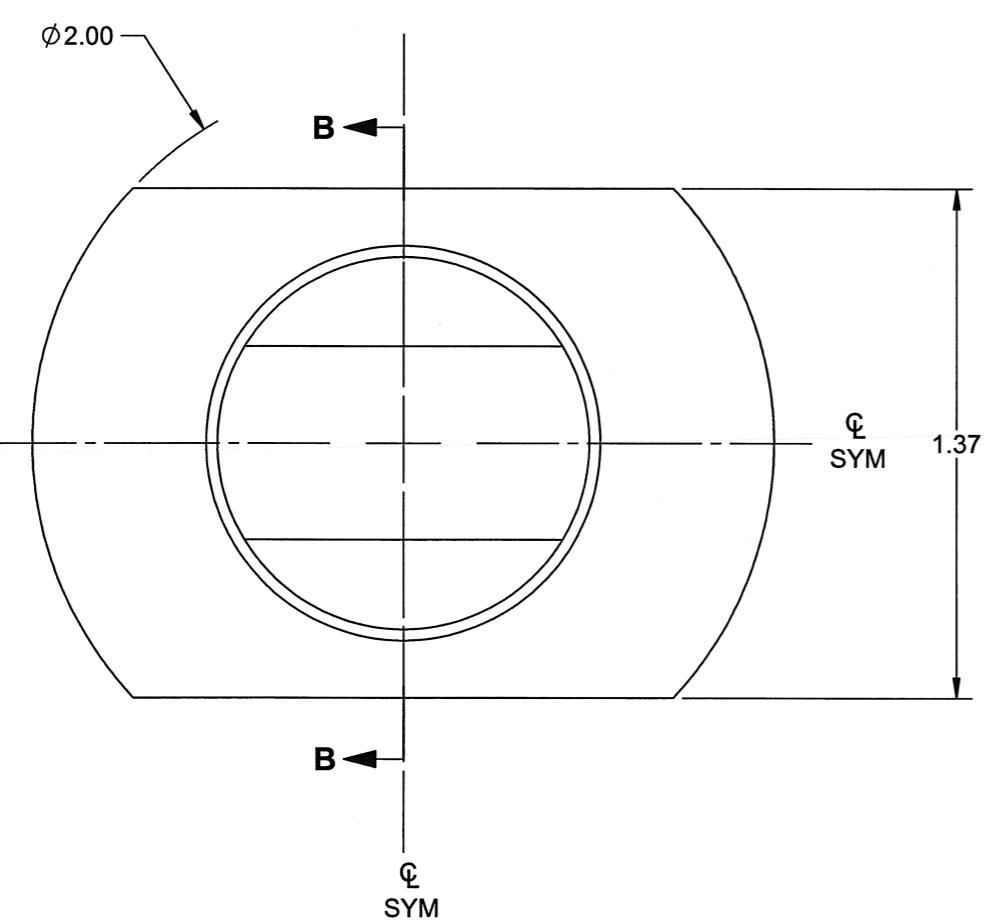
6) BREAK SHARP EDGES: 0.005" TO 0.010"

7) IDENTIFICATION: N/A

DESIGN	VM	DART AEROSPACE LTD	
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA	
CHECKED	MB	TOOL PART #	
MFG. APPR.	DP	REV. I	
APPROVED	VTP	RBW6205G12131-3G	
		SHEET 3 OF 14	
		TITLE	
		SCALE	
		M/R LEVER TENSION LINK TOOL	
		NTS	
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RBW6205G12131-3G-3 ATTACHMENT

NOTES:

- 1) MATERIAL: 303/304/316 STAINLESS STEEL
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: 0.005" TO 0.010"
- 7) IDENTIFICATION: N/A

DESIGN	VM	DART AEROSPACE LTD	
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA	
CHECKED	MB	TOOL PART #	
MFG. APPR.	DP	REV. I	
APPROVED	VH	RBW6205G12131-3G	
		SHEET 4 OF 14	
		TITLE	SCALE
		M/R LEVER TENSION LINK TOOL	
		NTS	
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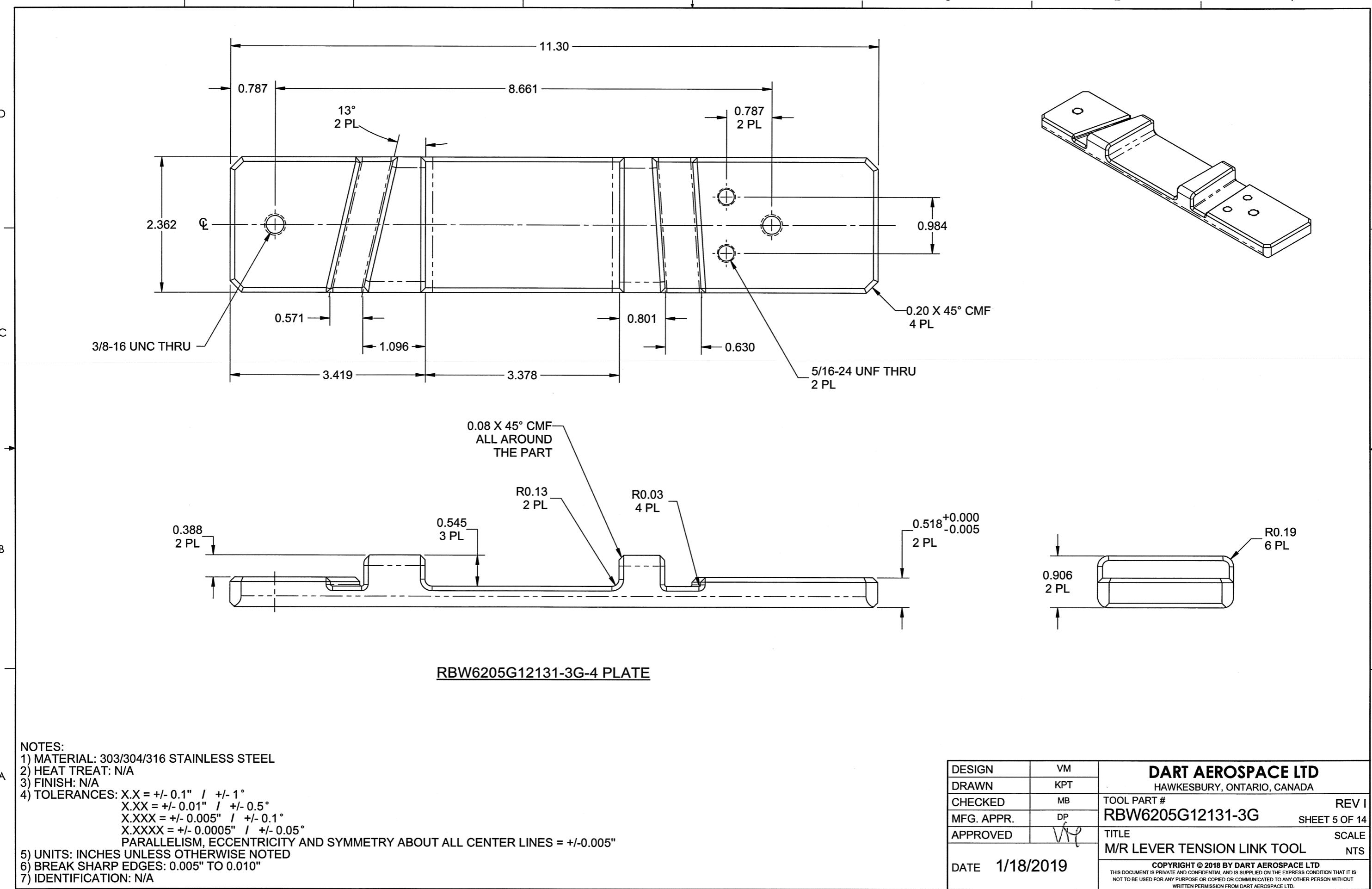
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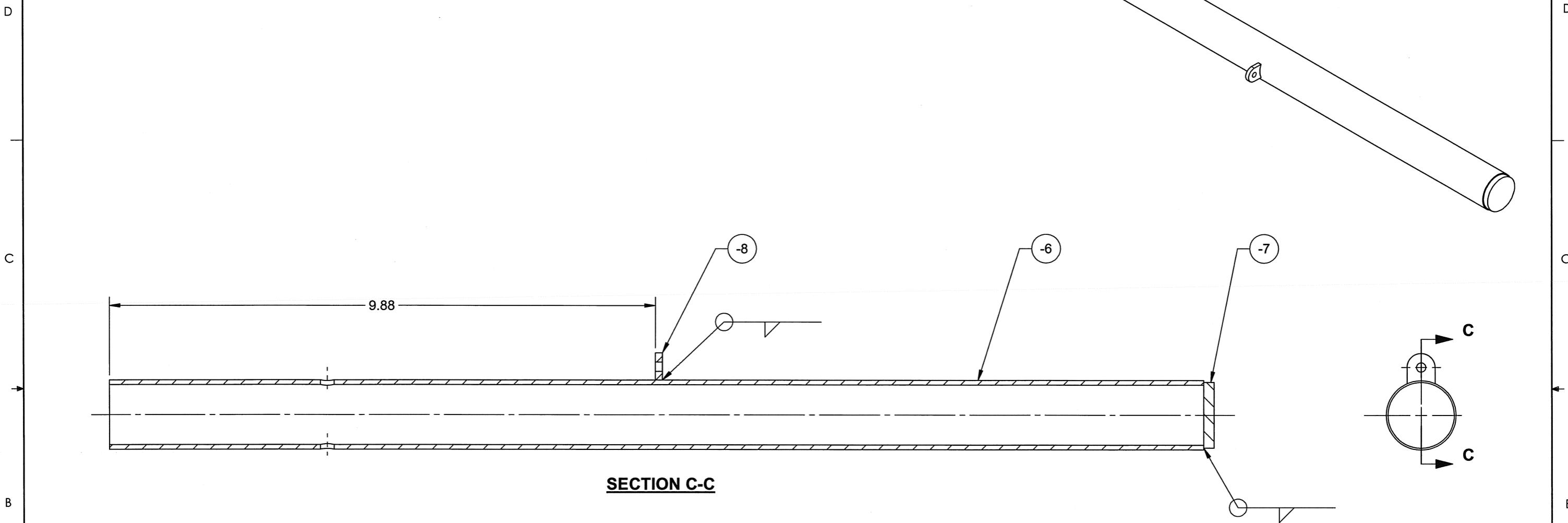
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ITEM #	QTY	PART #	PART TITLE
-6	1	RBW6205G12131-3G-6	EXTENSION
-7	1	RBW6205G12131-3G-7	END CAP
-8	1	RBW6205G12131-3G-8	TAB



RBW6205G12131-3G-5 EXTENSION HANDLE WELDMENT

NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: N/A
- 7) IDENTIFICATION: N/A

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	KPT	
CHECKED	MB	TOOL PART #
MFG. APPR.	DP	REV. I RBW6205G12131-3G
APPROVED	VHP	SHEET 6 OF 14
		TITLE M/R LEVER TENSION LINK TOOL
		SCALE NTS
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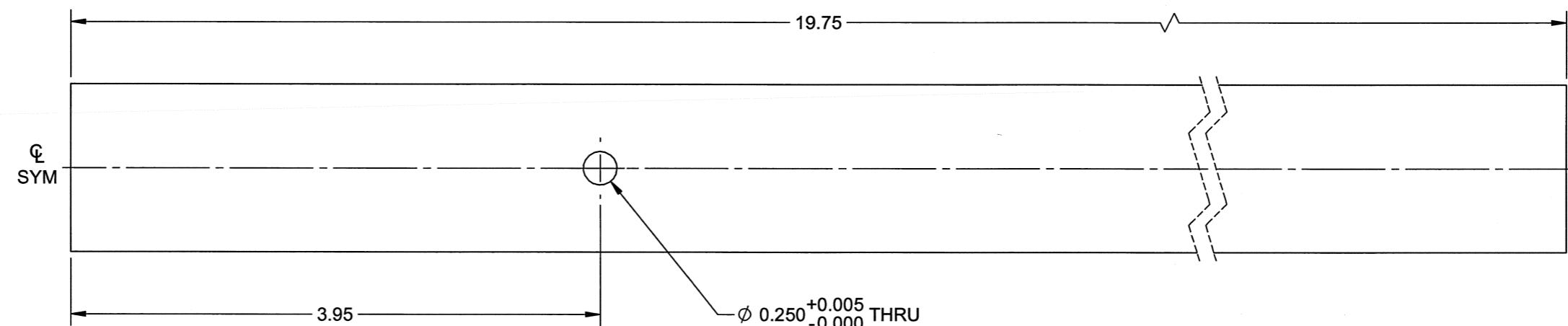
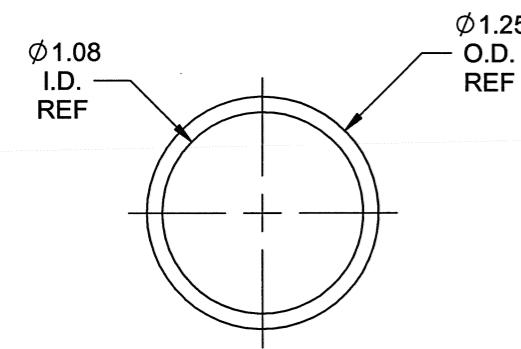
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RBW6205G12131-3G-6 EXTENSION

NOTES:

1) MATERIAL: McMaster#89495K2 OR EQUIV

2) HEAT TREAT: N/A

3) FINISH: N/A

4) TOLERANCES: X.X = +/- 0.1" / +/- 1°

X.XX = +/- 0.01" / +/- 0.5°

X.XXX = +/- 0.005" / +/- 0.1°

X.XXXX = +/- 0.0005" / +/- 0.05°

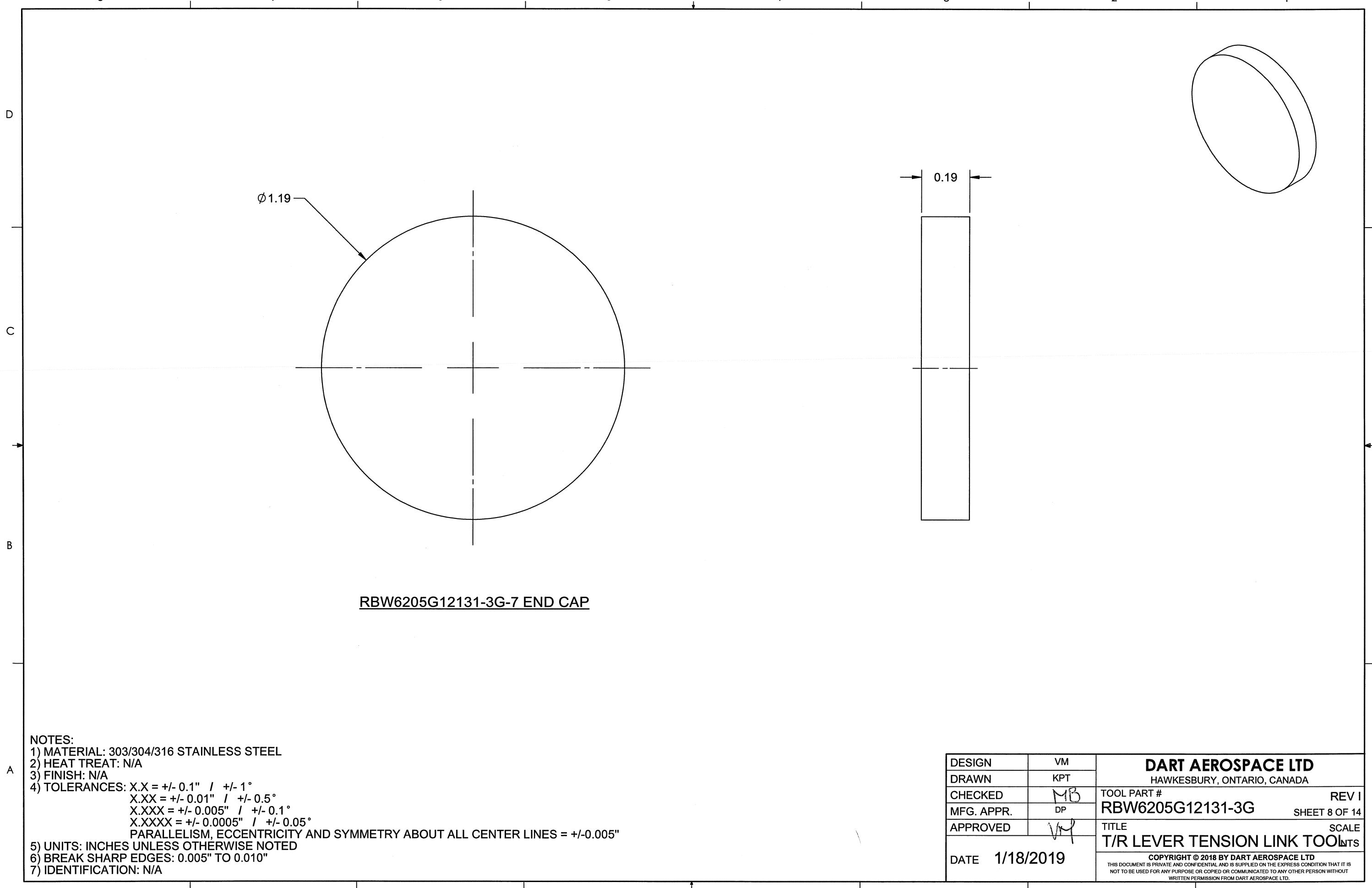
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

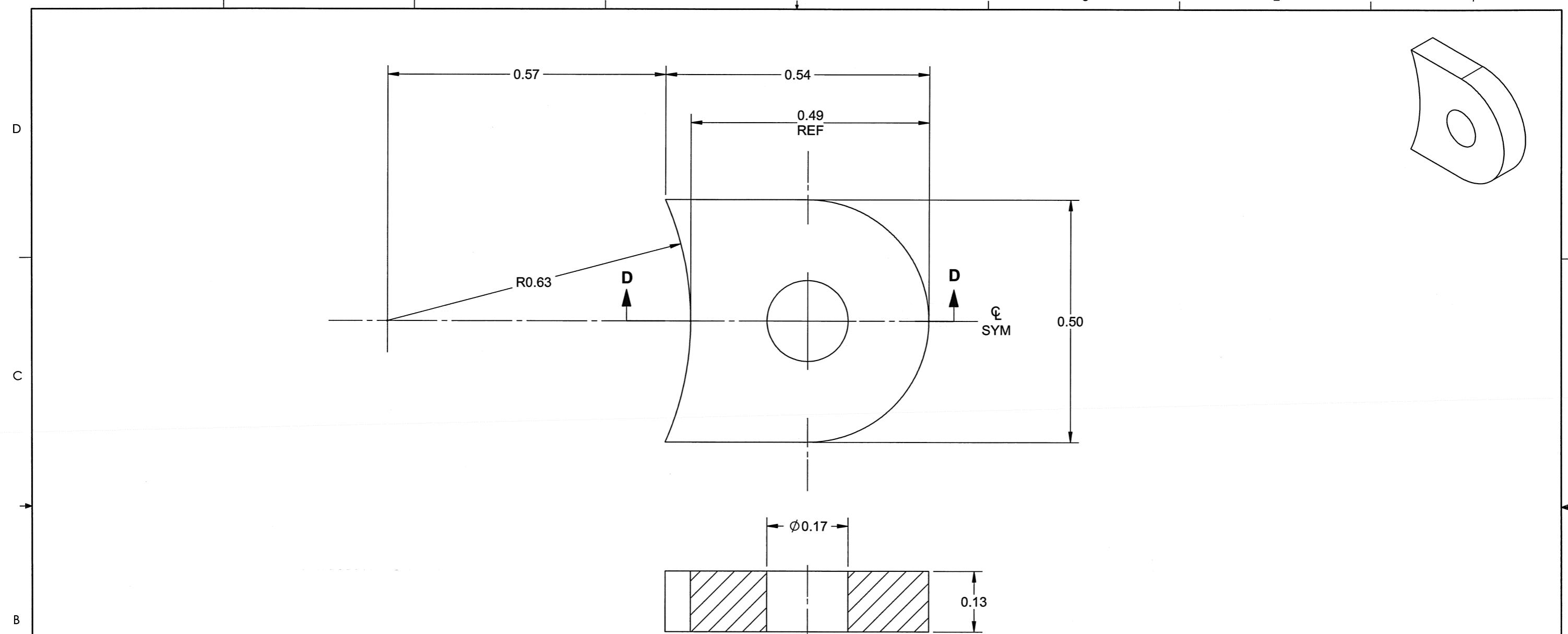
6) BREAK SHARP EDGES: 0.005" TO 0.010"

7) IDENTIFICATION: N/A

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	KPT	
CHECKED	MB	TOOL PART #
MFG. APPR.	DP	REV. I
APPROVED	VW	RBW6205G12131-3G
		SHEET 7 OF 14
		TITLE
		SCALE
		M/R LEVER TENSION LINK TOOL
		NTS
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RBW6205G12131-3G-8 TAB

NOTES:

1) MATERIAL: 303/304/316 STAINLESS STEEL

2) HEAT TREAT: N/A

3) FINISH: N/A

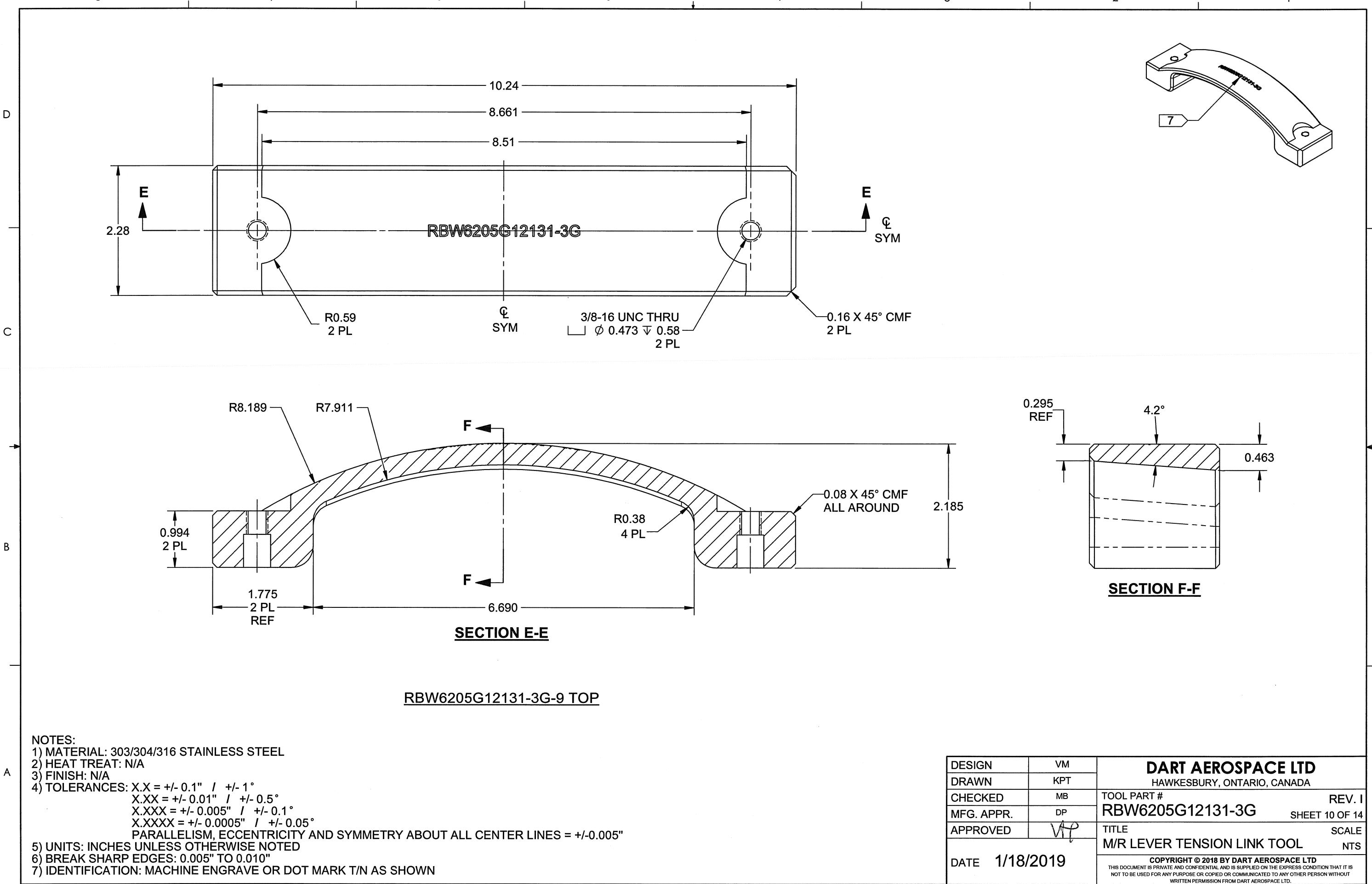
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
 X.XX = +/- 0.01" / +/- 0.5°
 X.XXX = +/- 0.005" / +/- 0.1°
 X.XXXX = +/- 0.0005" / +/- 0.05°
 PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

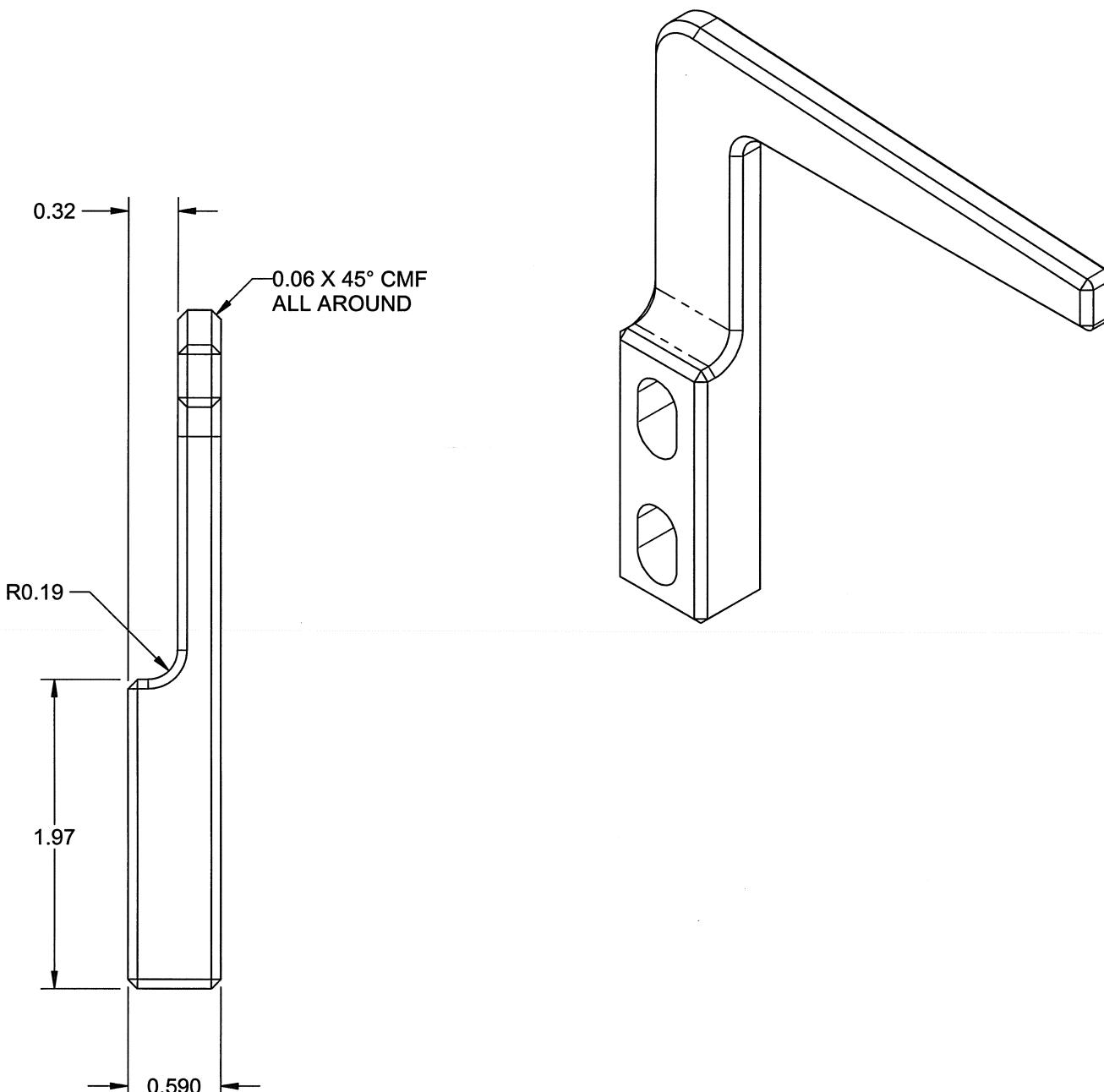
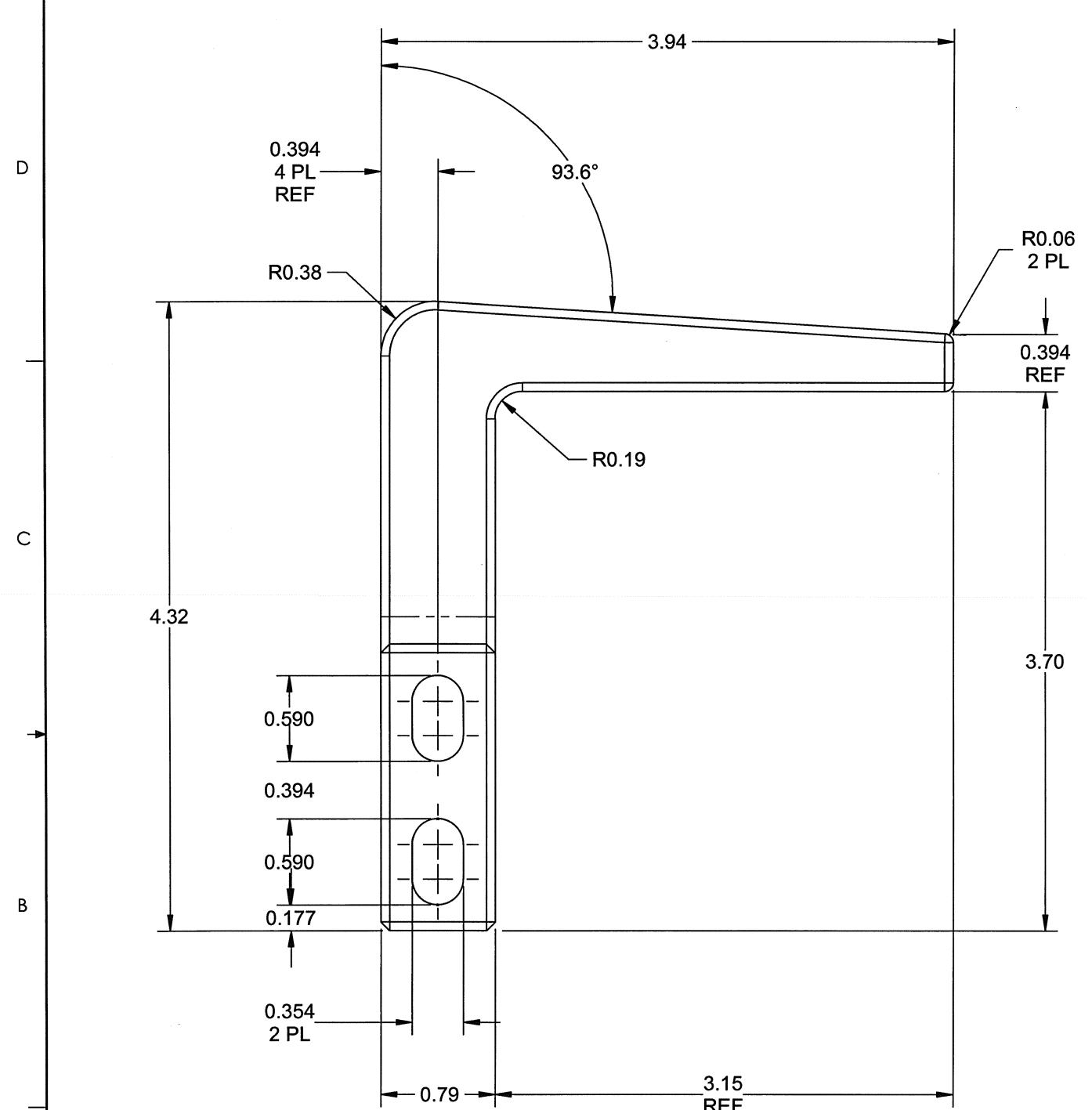
6) BREAK SHARP EDGES: 0.005" TO 0.010"

7) IDENTIFICATION: N/A

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	KPT	
CHECKED	MB	TOOL PART #
MFG. APPR.	DP	RBW6205G12131-3G
APPROVED	WP	REV. I SHEET 9 OF 14
		TITLE SCALE T/R LEVER TENSION LINK TOOL NTS
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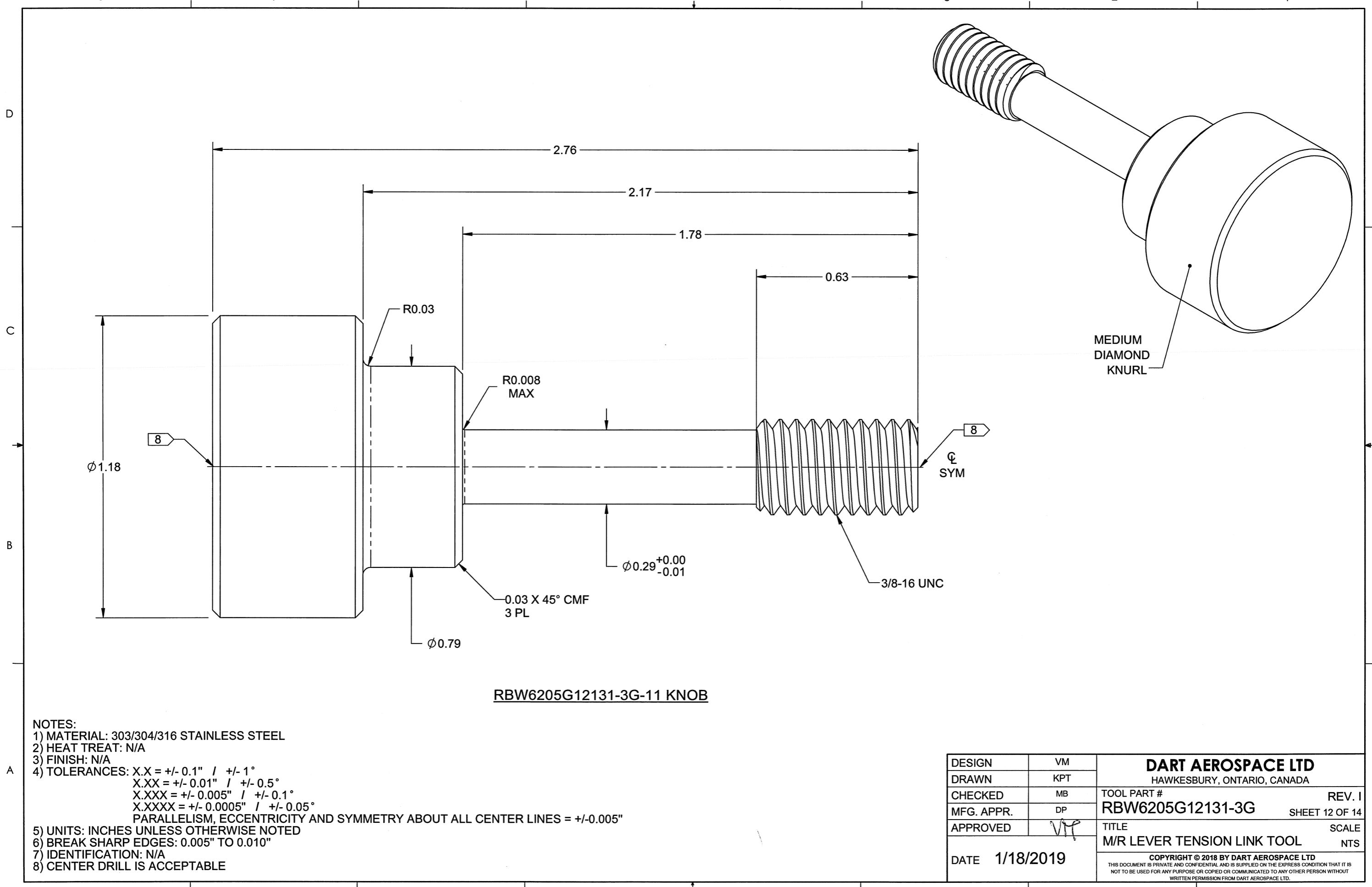


RBW6205G12131-3G-10 FINGER

NOTES:

- 1) MATERIAL: 303/304/316 STAINLESS STEEL
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: 0.005" TO 0.010"
- 7) IDENTIFICATION: N/A

DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	KPT	
CHECKED	MB	TOOL PART #
MFG. APPR.	DP	REV. I RBW6205G12131-3G
APPROVED	VMP	SHEET 11 OF 14
		TITLE M/R LEVER TENSION LINK TOOL
		SCALE NTS
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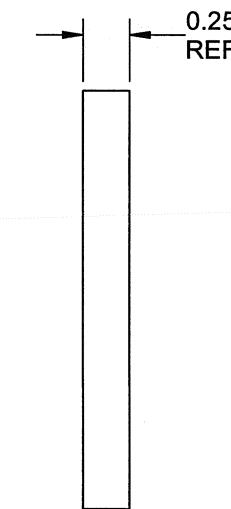
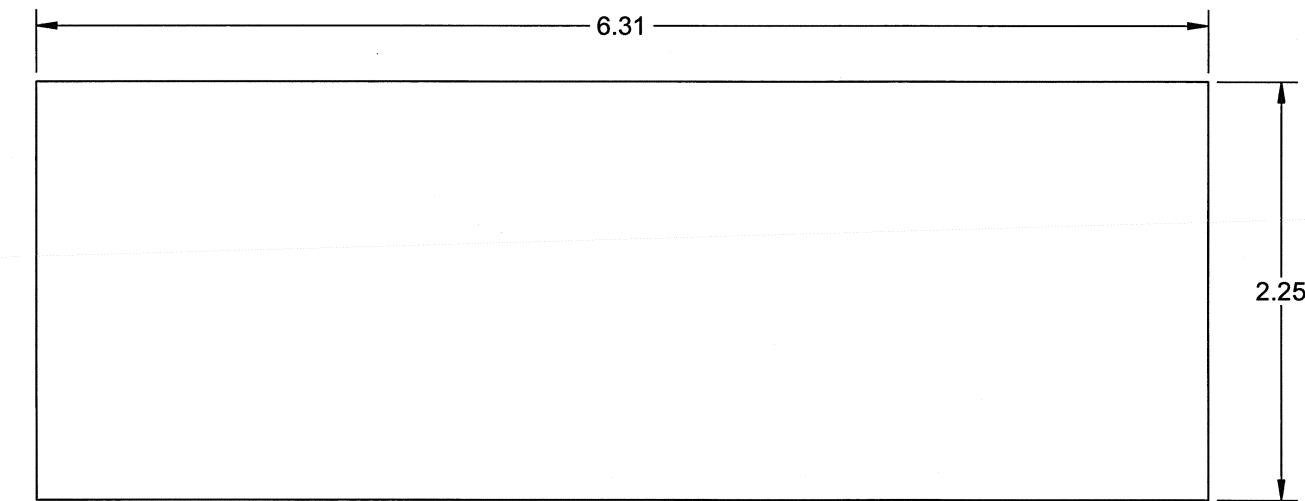
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FLAT PATTERN

RBW6205G12131-3G-12 TOP PROTECTION

NOTES:

- 1) MATERIAL: McMaster#8445K66 DURO 50A OR EQUIV
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: 0.005" TO 0.010"
- 7) IDENTIFICATION: N/A

DESIGN	VM	DART AEROSPACE LTD			
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA			
CHECKED	MB	TOOL PART #			
MFG. APPR.	DP	REV. I			
APPROVED	VW	RBW6205G12131-3G			
TITLE		SHEET 13 OF 14			
M/R LEVER TENSION LINK TOOL		SCALE			
DATE 1/18/2019		NTS			
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8 7 6 5 4 3 2 1

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RBW6205G12131-3G-13 HEAT SHRINK TUBE

NOTES:

1) MATERIAL: McMaster#7496K87 OR EQUIV

2) HEAT TREAT: N/A

3) FINISH: N/A

4) TOLERANCES: X.X = +/- 0.1" / +/- 1°

X.XX = +/- 0.01" / +/- 0.5°

X.XXX = +/- 0.005" / +/- 0.1°

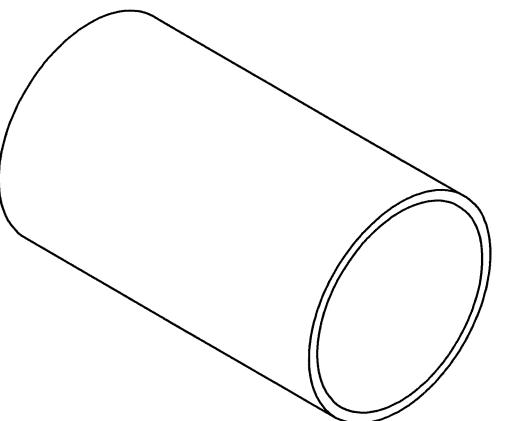
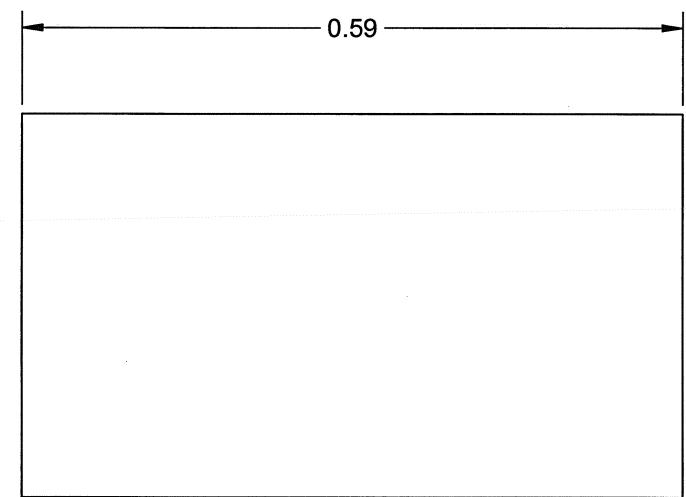
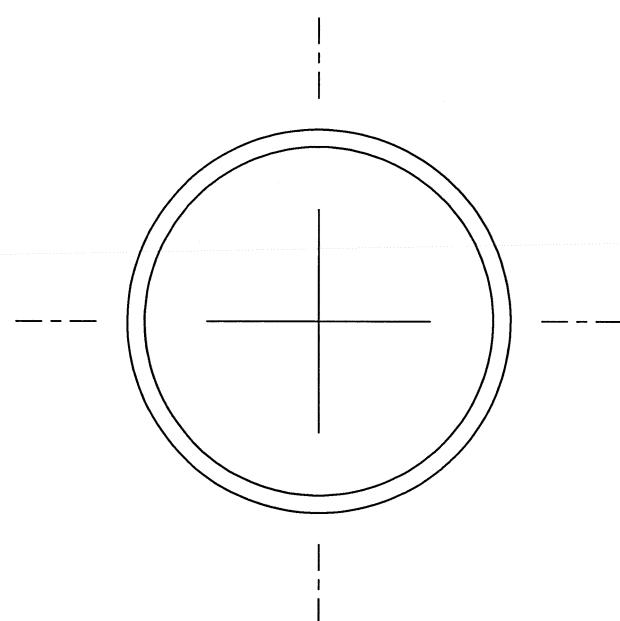
X.XXXX = +/- 0.0005" / +/- 0.05°

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) BREAK SHARP EDGES: 0.005" TO 0.010"

7) IDENTIFICATION: N/A



DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	KPT	
CHECKED	MB	TOOL PART #
MFG. APPR.	DP	REV. I
APPROVED	WY	RBW6205G12131-3G
		SHEET 14 OF 14
		TITLE
		SCALE
		M/R LEVER TENSION LINK TOOL
		NTS
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